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File
NIE 11-6-54

Briefing Memorandum for Acting DCI
Regarding Guided Missiles Estimate

MAR 29 1954

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O/SI PROPOSED MECHANISM

1. The creation by IAC of a task group operating under a high priority for the preparation of this estimate. Its purpose is the collation and evaluation of all scientific and technical evidence relevant to guided missiles in the Soviet Union. A group of expert consultants, industrialists and scientists will participate in the interpretation of evidence and in the preparation of conclusions.
2. The resulting scientific and technical estimate on the "Status and Future Course of the Soviet Guided Missiles Program" will be reviewed by the above mentioned experts and then submitted to the IAC.
3. This paper would form the basis for subsequent estimates prepared through the O/NE mechanism to integrate the scientific and technical estimate with other aspects of Soviet activities; e.g., economic, political, military, psychological, etc. In the preparation of such O/NE estimates, the support of the task group which prepared the scientific and technical estimate would be forthcoming.

ADVANTAGES OF THIS MECHANISM

1. The scientific and technical estimate would be prepared as an independent and a necessary prerequisite to all other studies on guided missiles.
2. The interpretation of the evidence would take place at the level of greatest knowledgeability with the advice and criticism of recognized experts in the field of guided missiles.
3. Knowledgeable experts would review the conclusions.
4. The scientific and technical aspect would be sharply defined and not encumbered by other considerations.
5. In view of the sharp definition of the problem and the working level approach, more rapid progress would be made. [The needs of the various consuming agencies as evidenced by the Federal Civil Defense Administration and Department of Defense letters could be met.]

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have to be
a finished
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SCOPE OF PAPER

1. It is proposed that the paper cover scientific and technical aspects of all types of guided missiles in view of the interrelated nature of the evidence.

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APPROVED FOR RELEASE
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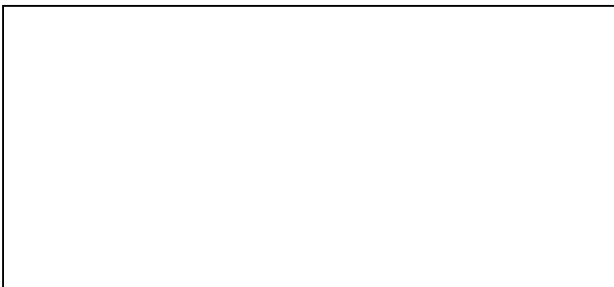
2. Subsequent papers prepared through the O/NE mechanism could have such breadth of scope as required by the problems under consideration.

TIME SCHEDULE

1. It is estimated that by utilization of all available analytical capabilities in the intelligence community under a relatively high priority, the scientific and technical estimate could be completed by 1 September 1954. It is noted here that the proposed review of all relevant evidence includes a detailed and diligent search for information heretofore not recognized as pertinent to guided missiles.

Signed: H. Marshall Chadwell

H. MARSHALL CHADWELL
Assistant Director
Scientific Intelligence



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